

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

GP-2812  
#8  
BT  
12-13-01

**INFORMATION DISCLOSURE  
STATEMENT**

Docket Number  
**12170/6**

Application Number  
**09/809,025**

Filing Date  
**March 16, 2001**

Examiner  
**To be assigned**

Art. Unit  
**2812**

Invention Title  
**DIGITAL OPTIONS HAVING DEMAND-  
BASED, ADJUSTABLE RETURNS, AND  
TRADING EXCHANGE THEREFOR**

Inventor(s)  
**Jeffrey LANGE**

Address to:  
Assistant Commissioner for Patents  
Washington, D.C.

**RECEIVED**  
**DEC 07 2001**  
**Group 2100**

I hereby certify that this correspondence is being deposited with the  
United States Postal Service as first class mail in an envelope  
addressed to: Assistant Commissioner for Patents, Washington, D.C.  
20231 on

Date: 28 Nov 2001 Reg. No. 36,098  
Signature: [Signature]  
Michelle M. Carniaux

1. In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and in conformance with the procedures of 37 C.F.R. §§ 1.97 and 1.98 and M.P.E.P. § 609, attorneys for Applicants hereby bring the following references to the attention of the Examiner. The references are listed on the attached modified PTO Form No. 1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.
2. A copy of each patent, publication or other information listed on the modified PTO form 1449 is not enclosed (unless otherwise noted) since they were previously cited by or submitted to the Patent Office in prior application Serial No. 09/448,822, filed November 24, 1999, which is relied upon for an earlier filing date under 35 U.S.C. 120.
3. It is believed that no fees are due in connection with this Information Disclosure Statement. However, should any fees be due, the Commissioner is authorized to charge Deposit Account No. 11-0600 for such fees. A duplicate copy of this communication is enclosed for charging purposes.

Dated: 28 Nov 2001

By: [Signature]  
Michelle M. Carniaux (Reg. No. 36,098)

KENYON & KENYON  
One Broadway  
New York, N.Y. 10004  
(212) 425-7200 (telephone)  
(212) 425-5288 (facsimile)

© Kenyon & Kenyon 1999



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO-1449</b>	DOCKET NO. 12170/6	SERIAL NO. 09/809,025
	APPLICANT Jeffrey LANGE	
	FILING DATE March 16, 2001	GROUP 2812

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE*
	4,903,201	February 20, 1990	Wagner			
	5,749,785	May 12, 1998	Rossides			
	5,794,207	August 11, 1998	Walker et al.			
	5,806,048	September 8, 1998	Kiron et al.			
	5,819,237*	October 6, 1998	Garman			
	5,845,266	December 1, 1998	Lupien et al.			
	5,873,782	February 23, 1999	Hall			
	5,911,136	June 8, 1999	Atkins			
	5,970,479	October 19, 1999	Shepherd			
	6,085,175	July 4, 2000	Gugel et al.			

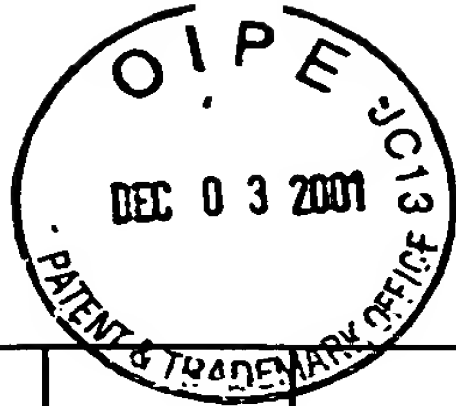
\* - Copy of reference enclosed.

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	01-019496	January 1989	JP				X

## OTHER DOCUMENTS

EXAMINER INITIAL		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
		M. Pagano, et al., "Transparency and Liquidity: A Comparison of Auction and Dealer Markets with Informed Trading", <u>Journal of Finance</u> , 51, pp. 579-611, 1996.
		A. Madhavan, "Trading Mechanisms in Securities Market", <u>Journal of Finance</u> , 47, pp. 607-641, 1992.
		C. Schnitzlein, "Call and Continuous Trading Mechanisms Under Asymmetric Information", <u>Journal of Finance</u> , 51, pp. 613-636, 1996.
		N. Economides, et al., "Electronic Call Market Trading", <u>Journal of Portfolio Management</u> , pp. 10-18, Spring 1995.
		C.R. Plott, et al, "Parimutuel Betting Markets as Information Aggregation Devices: Experimental Results", <u>Caltech Social Science Working Paper 986</u> , April 1997.



EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.	
		W. Takahiro, "A Parimutuel System with Two Horses and a Continuum of Bettors", <u>Journal of Mathematical Economics</u> , 28, pp. 85-100, 1997.
		L. Shapley, et al., "Trade Using One Commodity as a Means of Payment", <u>Journal of Political Economy</u> 85, pp. 937-968, 1977.
		B. Bahra, "Implied Risk-Neutral Probability Density Functions From Option Prices: Theory and Application", Bank of England, ISSN 1368-5562, 1997.
		S. Athanasoulis, et. al., "Macro Markets and Financial Security", <u>FRBNY Economic Policy Review</u> , pp. 21-39, April 1999.
		T. Watanabe, et al., "A Model of a General Parimutuel System: Characterizations and Equilibrium Selection", <u>International Journal of Game Theory</u> 23, pp. 237-260, 1994.
		Robert A. Schwartz, "Integrating Call and Continuous Markets", <u>Securities Traders' Monthly</u> , pp. 14-16, September 1991.
		K. Garbade, et al., "Structural Organization of Secondary Markets: Clearing Frequency, Dealer Activity, and Liquidity Risk", <u>Journal of Finance</u> 34, pp. 577-593, 1979.
		S.L. Mintz, Measuring up: What CEOs look for in their chief financial officers, pp. 1-5, February 1994.
		Jonathan Karp, River Runs Dry, pp. 1-2, November 1992.
		Sun Hong, Japanese investment posts strong momentum, pp. 1-2, February 1997.
		Lack of debt trades stunts market - HSBC, Businessworld, Manila, pp. 1-2, September 1998.
		Tatiana Helenius, Real bonds, real-time, real fast, Wall Street & Technology, pp. 1-4, April 1998.
		W.J. Hurley, On the use of Martingales in Monte Carlo approaches to multiperiod parameter uncertainty in capital investment risk analysis, pp. 1-6, January 1998.
		Randhawa et al., Financial risk analysis using Financial Risk simulation Prog, pp. 1-4, September 1993.
		D.F. Kocaoglu, et al., Constrained moments simulation healthcare capital acquisitions, p. 1, January 1997.
		Smith Terry Ross, A Statistical model for characterizing price variability with application to dairy investment analysis, pp. 1-2, January 1980.
		R. Merton, Continuous-Time Finance (1990) pp. 441.*

\* - Copy of reference enclosed.

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	